

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/04893

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12P7/26 C12N9/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12P C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WADA M ET AL: "PURIFICATION AND CHARACTERIZATION OF MONOVALENT CATION-ACTIVATED LEVODIONE REDUCTASE FROM CORYNEBACTERIUM AQUATICUM M-13" APPLIED AND ENVIRONMENTAL MICROBIOLOGY, WASHINGTON, DC, US, vol. 65, no. 10, October 1999 (1999-10), pages 4399-4403, XP000910999 ISSN: 0099-2240 page 4401, left-hand column, paragraph 3 -right-hand column, paragraph 3; figure 1; tables 1,3	1-13
A	EP 1 122 315 A (HOFFMANN LA ROCHE) 8 August 2001 (2001-08-08) the whole document	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

18 September 2003

Date of mailing of the international search report

26/09/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 982 406 A (HOFFMANN LA ROCHE) 1 March 2000 (2000-03-01) the whole document	
P, X	WADA M ET AL: "PRODUCTION OF A DOUBLY CHIRAL COMPOUND, (4R,6R)-4-HYDROXY-2,2,6-TRIME THYLCYCLOHEXANONE, BY TWO-STEP ENZYMATIC ASYMMETRIC REDUCTION" APPLIED AND ENVIRONMENTAL MICROBIOLOGY, WASHINGTON, DC, US, vol. 69, no. 2, February 2003 (2003-02), pages 933-937, XP009011700 ISSN: 0099-2240 page 936, left-hand column, paragraph 3; figure 1	1-13
P, X	KATAOKA M ET AL: "OLD YELLOW ENZYME FROM CANDIDA MACEDONIENSIS CATALYZES THE STEREOSPECIFIC REDUCTION OF THE C = C BOND OF KETOISOPHORONE" BIOSCIENCE, BIOTECHNOLOGY AND BIOCHEMISTRY, XX, XX, vol. 66, no. 12, December 2002 (2002-12), pages 2651-2657, XP009011699 ISSN: 0916-8451 page 2651, right-hand column, paragraph 1; figure 1	1,2,12, 13

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